

Aide

400VA ~ 3000VA



Features

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC

Details

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse
6. AC Breaker
7. Fan



Optional outlets



400 VA ~ 800 VA Plastic case

1200 VA ~ 1500 VA Plastic case

600 VA ~ 800 VA Metal case

1200 VA ~ 2000 VA Metal case

3000 VA Metal case

Technical specifications

MODEL	AID 240	AID 260	AID 280	AID 2120	AID 2150	AID 2200	AID 2300	
Capacity	400VA/ 240W	600VA/ 360W	800VA/ 480W	1200VA/ 720W	1500VA/ 900W	2000VA/ 1200W	3000VA/ 1800W	
INPUT								
Voltage	100 V / 110 V / 120 V: 80 ~ 150 Vac; 220 V / 230 V / 240 V: 162 ~ 295 Vac (220 V: 145 ~ 295 Vac optional)							
Frequency	50 / 60 Hz ± 10% (auto-sense)							
OUTPUT								
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%							
Frequency	50 / 60 Hz ± 1% (auto-sense)							
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave							
Transfer time	Typical 8 ms, 10 ms max.							
BATTERIES								
DC voltage	12 V		24 V			48 V		
Configuration	12 V / 4.5 Ah × 1	12 V / 7.0 Ah × 1	12 V / 8.0 Ah × 1	12 V / 7.0 Ah × 2	12V / 8.0 Ah × 2	12 V / 9.0 Ah × 2	12 V / 9.0 Ah × 4	
Recharge time	6 ~ 8 h							
OTHERS								
Protections	Short circuit, battery overcharge, overdischarge, overload, surge							
Communications	USB / RS232 (optional)							
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)							
Noise level	≤ 45 dB (1m)							
Plastic case	Net / Gross weight (kg)	3.7 / 4.0	4.3 / 4.6	5.2 / 5.5	8.6 / 9.0	10.1 / 10.5	/	
	Dimensions (W×D×H) (mm)	100×290×140			140×345×170			/
	Packaged dimensions (W×D×H) (mm)	139×335×210			198×406×245			/
	Quantity / 20ft	2300 pcs			1000 pcs			/
Metal case	Net / Gross weight (kg)	/	5.1 / 5.4	6.3 / 6.6	9.6 / 10.1	11.3 / 11.7	12.9 / 13.3	19.3 / 20.6
	Dimensions (W×D×H) (mm)	/	95×320×160		125×320×225		125×380×225	157.5×452×211
	Packaged dimensions (W×D×H) (mm)	/	145×375×230		180×390×295		180×450×295	238×536×295
	Quantity / 20ft	/	2000 pcs		1000 pcs		658 pcs	

* All specifications are subject to change without notice.
* Custom-made specifications are acceptable.